

12/21/01  
JC961 U.S. PRO

01-03-01

J1046 U.S. PRO  
10/034621  
12/21/01

December 21, 2001

**Attorney Docket No.:**

Parent Serial No. 09/656,309

Parent Filing Date: September 6, 2000

**Box PATENT APPLICATION**

Commissioner for Patents

Washington, D.C. 20231

Presented for filing is a new divisional patent application of:

Applicant: WALTER CALLEN, ERIC J. MATHUR and JAY M. SHORT

Title: ENZYMES HAVING HIGH TEMPERATURE POLYMERASE ACTIVITY AND  
METHODS OF USE THEREOF

Enclosed are the following papers, including all those required to receive a filing date under  
37 CFR § 1.53(b):

	<u>Pages</u>
Specification	70
Claim(s)	4
Abstract	1
Drawing(s)	9

**Enclosures:**

Application Data Sheet  
Permission to use Sequence Listing  
Postcard

"EXPRESS MAIL" Mailing Label Number ET655519750US

Date of Deposit December 21, 2001

I hereby certify under 37 CFR 1.10 that this correspondence is being  
deposited with the United States Postal Service as "Express Mail Post  
Office to Addressee" with sufficient postage on the date indicated  
above and is addressed to the Assistant Commissioner for Patents,  
Washington, D.C. 20231

*Aaron Parker*  
Aaron Parker

Docket No.  
Box Patent Application  
December 21, 2001  
Page Two

This application is a divisional and claims the benefit of priority under 35 USC § 120 to U. S. Patent Application Serial Number 09/656,309, filed September 6, 2000, which is a Continuation-in-Part application of co-pending U. S. Patent Application Serial Number 09/391,340, filed September 7, 1999, which is a divisional of U. S. Patent Application Serial No. 08/907,166, filed August 6, 1997, now issued as U. S. Patent No. 5,948,666, the contents of which are incorporated by reference in their entirety herein.

Applicants claim small entity status in the above-identified application. Pursuant to 37 C.F.R. §1.27 a Verified Statement is not required.

Basic filing fee	\$	0.00
Total claims in excess of 20 (0 times \$18.00)	\$	0.00
Independent claims in excess of 3 (0 times \$80.00)	\$	0.00
Multiple dependent claims	\$	0.00
Total filing fee:	\$	0.00

Please charge Deposit Account No. 50-0661 for the filing fees due.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please contact the attorney of record, Lisa A. Haile, Ph.D., at (858) 677-1456.

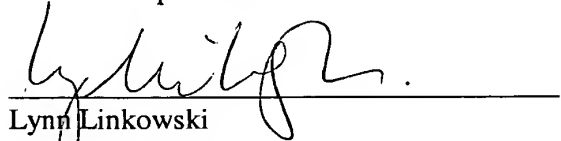
Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

Lisa A. Haile, Ph.D.  
Gray Cary Ware & Freidenrich LLP  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133  
Telephone: 858-677-1456  
Facsimile: 858-677-1465

Very truly yours,

Diversa Corporation

  
Lynn Linkowski  
Reg. No. 47,320  
Telephone: 858-526-5450  
Facsimile: 858-526-5950

10034621 122101